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Mallinckrodt Inc.

<120> Carbocyanine Dyes For Tandem, Photodiagnostic  
and Therapeutic Applications

<130> MRD-74

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<141> 2001-10-17

<150>  
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<160> 8

<170> PatentIn Version 3.1

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<212> PRT  
<213> Artificial Sequence

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<222> (1)...(8)  
<223> Xaa at location 1 represents D-Phe. Artificial sequence is  
completely synthesized.

<223> Xaa at locations 2 and 7 represents Cys with an  
intramolecular disulfide bond between two Cys  
amino acids. Artificial sequence is completely synthesized.

<223> Xaa at location 4 represents D-Trp. Artificial sequence is  
completely synthesized.

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 <223> Xaa at location 4 represents D-Trp. Artificial sequence is completely synthesized.  
 <223> Xaa at location 8 represents Thr-OH. Artificial sequence is completely synthesized.

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<400> 4  
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 <212> PRT  
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 <223> Xaa at locations 3 and 6 represents Norleucine. Artificial sequence is completely synthesized.

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<223> Xaa at location 1 represents D-Lys. Artificial sequence is completely synthesized.

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